

Datasheet for ABIN7479330

TNNI3 Protein (AA 1-146, partial) (GST tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	TNNI3
Protein Characteristics:	AA 1-146, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNNI3 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	ADGSSDAARE PRPAPAPIRR RSSNYRAYAT EPHAKKSKI SASRKLQLKT LLLQIAKQEL EREAEERRGE KGRALSTRQC PLELAGLGFA ELQDLRQLH ARVDKVDEER YDIEAKVTKN ITEIADLTQK IFDLRGKFKR PTLRRVRISA DAMMQALLGA RAKESLDLRA HLKQVKKEDT EKENREVGDW RKNIDALSGM EGRKKKFES
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	90 %

Target Details

Target:	TNNI3
Alternative Name:	Troponin I, cardiac muscle protein (TNNI3 Products)

Target Details

Background:	Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.
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Molecular Weight:	43.4 kD
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UniProt:	Q15506
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Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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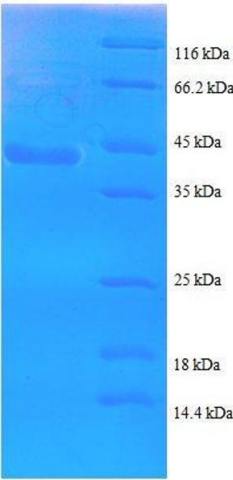
Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
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Storage:	-20 °C
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Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C
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SDS-PAGE

Image 1. Troponin I Type 3 (Cardiac) (TNNI3) (AA 1-146), (partial) protein (GST tag)